

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. Unassigned	Applicant(s) Yingxue Li, et al.
		Docket Number 074078.0110	Group Art Unit Unassigned
		Filing Date October 30, 2003	

**U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PHD	A	3,842,352	10-15-74	Cote	325	56	07-14-72
	B	5,479,397	12-26-95	Lee	370	18	10-27-94
	C	5,784,364	07-21-98	Ahn et al.	370	335	06-21-96
	D	5,956,367	09-21-99	Koo et al.	375	206	04-04-97
	E	6,009,307	12-28-99	Granata et al.	455	13.3	05-13-97
	F	6,069,884	05-30-00	Hayashi et al.	370	335	09-24-97
	G	6,122,333	09-19-00	Nagashima	375	347	02-26-98
	H	6,125,109	09-26-00	Fuerter	370	315	02-24-98
	I	6,275,484 B1	08-14-01	Lynch et al.	370	342	06-23-97
	J	6,314,127 B1	11-06-01	Lynch et al.	375	144	02-23-99
	K	6,417,712 B1	07-09-02	Beards et al.	327	248	09-27-00
↓	L	6,418,135 B1	07-09-02	Lomp et al.	370	342	05-14-01

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
M								
N								
O								
P								

**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
PHD	Q Bart Smolders, Member, IEEE, and Grant Hampson, "Deterministic RF Nulling in Phased Arrays for the Next Generation of Radio Telescopes", IEEE Transactions on Antennas and Propagation, Vol. XX, No. Y, Month 1999, pages 100-119.	10-04-99
R		
S		
T		

EXAMINER	DATE CONSIDERED
PHUOC DOAN	08 / 03 / 07
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No. Unassigned	Applicant(s) Yingxue Li, et al.
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**U.S. PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PHD	A	6,452,918 B1	09-17-02	Lomp et al.	370	342	02-11-02
	B	6,452,989 B1	09-17-02	Friedman	375	347	11-12-99
	C	6,463,048 B1	10-08-02	Garyantes	370	342	07-21-99
	D	6,466,567 B2	10-15-02	Lomp et al.	370	342	02-11-02
	E	2001/0003096 A1	06-07-01	Lee	455	562	12-05-00
	F	2001/0019592 A1	09-06-01	Solondz	375	267	04-23-01
	G	2002/0057745 A1	05-16-02	Friedman	375	295	10-26-01
	H	2002/0064246 A1	05-30-02	Kelkar et al.	375	347	11-20-01
	I	2002/0093932 A1	07-18-02	Lomp et al.	370	342	02-11-02
	J	2002/0172261 A1	11-21-02	Hershey et al.	375	130	04-05-01
	K	2002/0172265 A1	11-21-02	Kenney	375	148	03-30-01
	L	-----	-----	-----	-----	-----	-----

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
M							YES
N							NO
O							
P							

**NON-PATENT DOCUMENTS**

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
Q			
R			
S			
T			

EXAMINER	DATE CONSIDERED
<u>PHUOC DOAN</u>	<u>08/03/07</u>

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PTO/SB/08a (07-05)

Approved for use through 07/31/2006, OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/696,988
		Filing Date	October 30, 2003
		First Named Inventor	Li, Yingxue
		Art Unit	2616
		Examiner Name	Not yet assigned
(use as many sheets as necessary)			
Sheet	1	of	1
		Attorney Docket Number	
		P-9250-US	

U.S. PATENT DOCUMENTS

## **FOREIGN PATENT DOCUMENTS**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 600. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 33 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

3

### Complete if Known

Application Number	10/696,988
Filing Date	October 30, 2003
First Named Inventor	Li, Yingxue
Art-Unit	-2616
Examiner Name	Not yet assigned

Attorney Docket Number

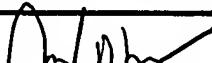
P-9250-US

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)	MM-DD-YYYY		
PHD	AA	US-5,991,330	Nov. 23, 1999	Dahlman et al.	
	AB	US-6,236,363	May 22, 2001	Robbins et al.	
	AC	US-6,330,294	Dec. 11, 2001	Ansbro et al.	
	AD	US-6,392,988	May 21, 2002	Allpress et al.	
	AE	US-6,704,370	Mar. 9, 2004	Chheda et al.	
	AF	US-6,745,009	Jun. 1, 2004	Raghothaman	
	AG	US-6,859,643	Feb. 22, 2005	Ma et al.	
	AH	US-6,882,228	Apr. 19, 2005	Refougaran	
	AI	US-2004/0048584	Mar. 11, 2004	Valdyanathan et al.	
	AJ	US-2004/0085239	May 6, 2004	Ukena et al.	
	AK	US-2005/0059355	Mar. 17, 2005	Liu	
	AL	US-2005/0143113	Jun. 30, 2005	Lee et al.	
	AM	US-5,642,353	Jun. 24, 1997	Roy, III, et al.	
	AN	US-6,492,942	Dec. 10, 2002	Kezys	
	AO	US-6,185,440	Feb. 6, 2001	Barratt et al.	
	AP	US-2003/0112880	Jun. 19, 2003	Walton et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		T <sup>6</sup>
PHD	AQ	EP 0 986 193	Mar. 15, 2000	Ascom Systec AG	<input type="checkbox"/>
	AR	EP 1 262 031	May 12, 2004	Robert Bosch GmbH	<input type="checkbox"/>
	AS	EP 1 282 242	Feb. 5, 2003	Lucent Technologies Inc.	<input type="checkbox"/>
	AT	EP 1 282 244	Feb. 5, 2003	Lucent Technologies Inc.	<input type="checkbox"/>
	AU	EP 1 284,545	Feb. 19, 2003	Motorola, Inc.	<input type="checkbox"/>
	AV	WO 00/79701	Dec. 28, 2000	Nokia Networks OY	<input type="checkbox"/>
	AW	WO 01/69814	Sep. 20, 2001	Nokia Networks OY	<input type="checkbox"/>
	AX	WO 03/090386	Oct. 30, 2003	Samsung Electronics Canada Inc. and Samsung Electronics Co., Ltd.	<input type="checkbox"/>
	AY	WO 04/045108	May 27, 2004	Huawei Technologies Co., Ltd.	<input type="checkbox"/>

Examiner Signature		Date Considered	08	03	07
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 601.04. <sup>2</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>3</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/696,988
				Filing Date	October 30, 2003
				First Named Inventor	LI, Yingxue
				Art-Unit	2616
				Examiner Name	Not yet assigned
Sheet	2	of	3	Attorney Docket Number	P-9250-US

**U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

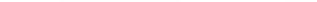
The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO				<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/696,988
				Filing Date	October 30, 2003
				First Named Inventor	LI, Yingxue
				Art Unit	2616
(use as many sheets as necessary)				Examiner Name	Not yet assigned
Sheet	3	of	3	Attorney Docket Number	P-9250-US

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Signature		Date Considered	08	03	07
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PTO-1449 <b>Information Disclosure Citation In an Application</b> <i>AUG 27 2004</i>		Application No. 10/696,988	Applicant(s) Yingxue Li, et al.	
		Docket Number 074078.0110	Group Art Unit 2661	Filing Date October 30, 2003

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PHD A	5,781,541	07/14/1998	Schneider	370	335	05/03/1995
B						
C						
D						
E						
F						
G						
H						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
PHD D	I EP 0969 610 A2	05/01/2000	EPO	H04B	7/04	X	
J							
K							
L							
M							

**NON-PATENT DOCUMENTS**

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
PHD N		Wichman, R., et al., "Transmit Diversity in the WCDMA System", XP-001038053, <i>International Journal of Wireless Information Networks</i> , Vol. 6, No. 3, ISSN: 1068-9605, pages 171-180.	July 1999
PHD O		PCT, Notification of Transmittal of the International Search Report or the Declaration, International Application No. PCT/US 03/34461, 9 pages.	16/08/2004
P			
Q			
R			
EXAMINER		DATE CONSIDERED	
PHUOC DOAN		08 / 03 / 07	

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U.S. PATENT AND TRADEMARK OFFICE

PTO-1449 <b>Information Disclosure Citation</b> in an Application	Application No.	Applicant(s)	
	10/696,988	Yingxue Li, et al.	
	Docket Number	Group Art Unit	Filing Date
	074078.0110	2661	October 30, 2003

U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A	5,648,983	07/15/1997	Kostic et al.	375	206	04/24/1995
B	2002/0010002 A1	01/24/2002	Heinila	455	526	07/26/2001
C						
D						
E						
F						
G						
H						

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
I	WO 97/24818	10/07/1997	PCT	H04B	7/08	X	
J							
K							
L							
M							

## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
N	Holma, H., Toskala, A., "WCDMA for UMTS, 3.4 Multipath Radio Channels and Rake Reception," WILEY AND SONS XP002272463, pages 30-33.	2001
O	PCT, Invitation to Pay Additional Fees, Annex to Form PCT/ISA/206 Communication Relating to the Results of the Partial International Search, International Application No. PCT/US03/34461, 4 pages.	10/05/2004
P		
Q		
R		

EXAMINER	DATE CONSIDERED
PHUOC DOAN	08/03/07

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## **INFORMATION DISCLOSURE CITATION WITH DOCUMENT COPIES**

~~Submitted by:~~

PATRICK M. GRIFFIN  
Delphi Technologies, Inc.,

Reg. No. 29.716

Atty. Docket No.	Serial No.
DP-302200	09/696,988

**Applicant**  
**THOMAS CHARLES MEILLER**

Filing Date	Group
October 26, 2000	3748

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes   No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Examiner PHUOC DOAN Date Considered 08/03/07

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